

# Dry Type Spray Booth

## Major Mandatory Requirements 29 CFR 1910.107

### FRONTAL AREA

Each spray booth having a frontal area larger than 9 square feet shall have a metal deflector or curtain not less than 2 1/2 inches deep installed at the outer edge of the booth over the opening.

### CONVEYORS

Where conveyors are arranged to carry work into and out of spray booths, the conveyor openings shall be as small as practical.

### ARRESTOR BANK

All discarded filter pads and filter rolls shall be immediately removed to a safe, well-detached location or placed in a water-filled metal container or disposed of at the close of the day's operation unless maintained completely in water.

### CONSTRUCTION

Spray booths shall be substantially constructed of steel, securely and rigidly supported, or of concrete or masonry except that aluminum or other substantial noncombustible material may be used for intermittent or low volume spraying.

### INTERIORS

The interior surfaces of spray booths shall be smooth and continuous without edges and otherwise designed to prevent pocketing of residues and facilitate cleaning and washing without injury.

Space within the spray booth on the downstream and upstream sides of filters shall be protected with an automatic sprinkler, dry chemical, or carbon dioxide extinguishing system.

Visible gauges or audible alarm or pressure-activated devices shall be installed to indicate or insure that the required air velocity is maintained.

### ACCESS DOORS

When necessary to facilitate cleaning, exhaust ducts shall be provided with an ample number of access doors.

### MINIMUM SEPARATION

There shall be no open flame or spark producing equipment in any spraying area nor within 20 feet thereof, unless separated by a partition.

### DISCHARGE CLEARANCE

Unless the spray booth exhaust duct terminal is from a water-wash spray booth, the terminal discharge point shall be not less than 6 feet from any combustible exterior wall or roof nor discharge in the direction of any combustible construction or unprotected opening in any noncombustible exterior wall within 25 feet.

